

Abstract of the Disclosure

The present application describes various embodiments that
5 address the need in wireless environments and within the SIP framework
to efficiently maintain SIP contact addresses. It introduces the concept of
a SIP proxy user agent (UA) (e.g., 123 or 124) to serve as a gateway
between a SIP core network and a SIP-unaware mobile(101). A new
message is described, a combined registration and event subscription
10 message, which is used by SIP proxy UAs to both register a new contact
address for a mobile and to subscribe to the mobile's contact information.
By updating and subscribing to the contact information, a SIP proxy UA is
notified of subsequent changes to a mobile's contact information.
Registration and deregistration of contact addresses can thus be effected
15 in a manner that allows SIP contact addresses to be more efficiently
maintained.